

AAT-109US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: To Be Assigned  
Applicant: Stewart John Hamish Bell et al.  
Filed: Herewith  
Title: FAST FOURIER TRANSFORMATION (FFT) WITH ADAPTION OF THE SAMPLING  
RATE IN DIGITAL RADIO MONDIALE (DRM) RECEIVERS  
TC/A.U.:  
Examiner:

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08a and PTO/SB/08b form submitted herewith. A copy of the references listed on the PTO/SB/08a and PTO/SB/08b form is not required to be enclosed for reasons set forth below.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

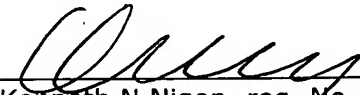
Under 37 C.F.R. § 1.98(d) and MPEP § 609.03 copies of the patents and publications listed on the enclosed PTO/SB/08a and PTO/SB/08b form are not required to be provided, because these references were provided by the International Bureau. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith.

AAT-109US

PATENT

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

  
Kenneth N. Nigon, reg. No. 31,549  
Attorney(s) for Applicant(s)

KNN/pb

Enclosures: PTO/SB/08a and PTO/SB/08b

Dated: September 7, 2006

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Valley Forge, PA 19482-0980  
(610) 407-0700

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**EXPRESS MAIL**

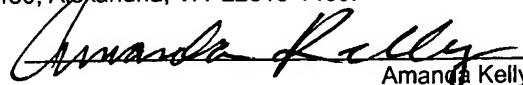
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September 7, 2006

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Amanda Kelly

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**SHEET 1 of 2**

**Complete if Known**

Application Number

### To Be Assigned

Filing Date

Herewith

First Named Inventor

Stewart John Hamish Bell

**Art Unit**

**Examiner Name**

AAT-109US

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
	1.	WO 02/23781 A	03-21-2002	Industrial Research Limited		<input type="checkbox"/>
	2.	EP 1 175 056 A	01-23-2002	British Broadcasting Corporation		<input type="checkbox"/>
	3.	CA 2 116 209 A1	08-23-1995	Lu et al.		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner  
Signature

Date	
Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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10/592023

PTO/SB/08b (07-05) (TMB 07/2005)

IAP12 Rec'd PCT/PTO 07 SEP 2006

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

## **Complete if Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Stewart John Hamish Bell
Art Unit	
Examiner Name	
Attorney Docket No.	AAT-109US

SHEET 2 of 2

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	A.	F. HOFMANN et al., Digital Radio Mondiale (DRM) Digital Sound Broadcasting in the AM Bands, IEEE Transactions on Broadcasting, 'online!, September 3, 2003, pages 319-328, XP002319507, vol. 49, no. 3, Retrieved from the Internet: URL: <a href="http://ieeexplore.ieee.org/ie15/11/276_33/01233023.pdf">http://ieeexplore.ieee.org/ie15/11/276_33/01233023.pdf</a> , 'retrieved on 2005-02-28! page 322 - page 325 figures 1,2,5-7,11 tables II,IV	<input type="checkbox"/>
	B.	Internal Search Report dated June 10, 2005	<input type="checkbox"/>
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